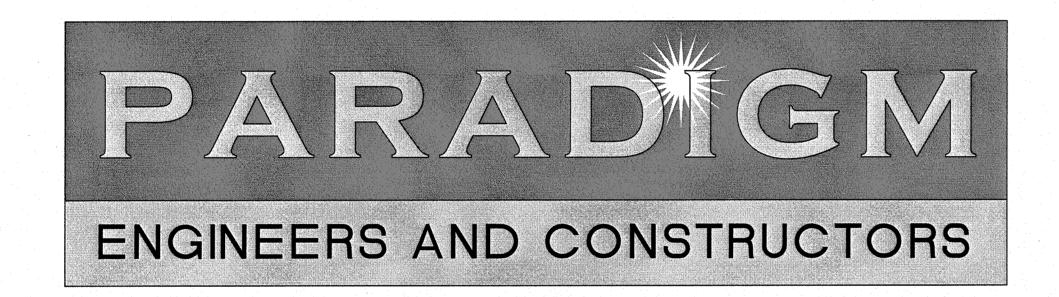


# Department of Veterans Affairs

# RICHARD L. ROUDEBUSH VA MEDICAL CENTER 1481 W 10TH STREET, INDIANAPOLIS, IN 46202 PROJECT #583-13-102 RENOVATE RADIATION ONCOLOGY



200 Envoy Circle Suite #201, Louisville, KY 40299 - PH: 502.339.8511 - www.paradigmusa.com

SIGNATURE BLOCK PROJECT SITE MAP PROJECT LOCATION MAP CHIEF OF STAFF CHIEF, ENGINEERING SERVICES DATE Medical Center Helipor **BUILDING 1** SAFETY MANAGER Richard L Roudebush VA Medical Center DATE FIRE CHIEF CHIEF, FACILITIES MANAGEMENT DATE SERVICES INFECTION CONTROL OFFICER DATE PROJECT MANAGER wymiersh & \ ---- / Googles / I \ I \ ----

### INDEX OF DRAWINGS

COVER SHEET

1.GC102 INFECTION AND DUST CONTROL PLAN

1.A-001 ARCHITECTURAL SYMBOLS AND LEGENDS

ARCHITECTURAL REFLECTED CEILING PLAN

FINISHES SCHEDULE AND LEGEND

FIRE 1.FX101 FIRE PROTECTION PLAN — BASEMENT

FULLY SPRINKLERED BUILDING BID DOCUMENTS

Office of

Construction

and Facilities

Management

CONSULTANTS:

VA FORM 08-6231



ARCHITECT/ENGINEERS: PARADIGM ENGINEERS AND CONSTRUCTORS 200 Envoy Circle #201, Louisville KY 40299 - PH: 502.339.8511 - www.paradigmusa.com

**COVER SHEET** RENOVATE RADIATION ONCOLOGY Approved Project Director Location RICHARD L. ROUDEBUSH VAMC

Project Title

Drawing Title

JCP

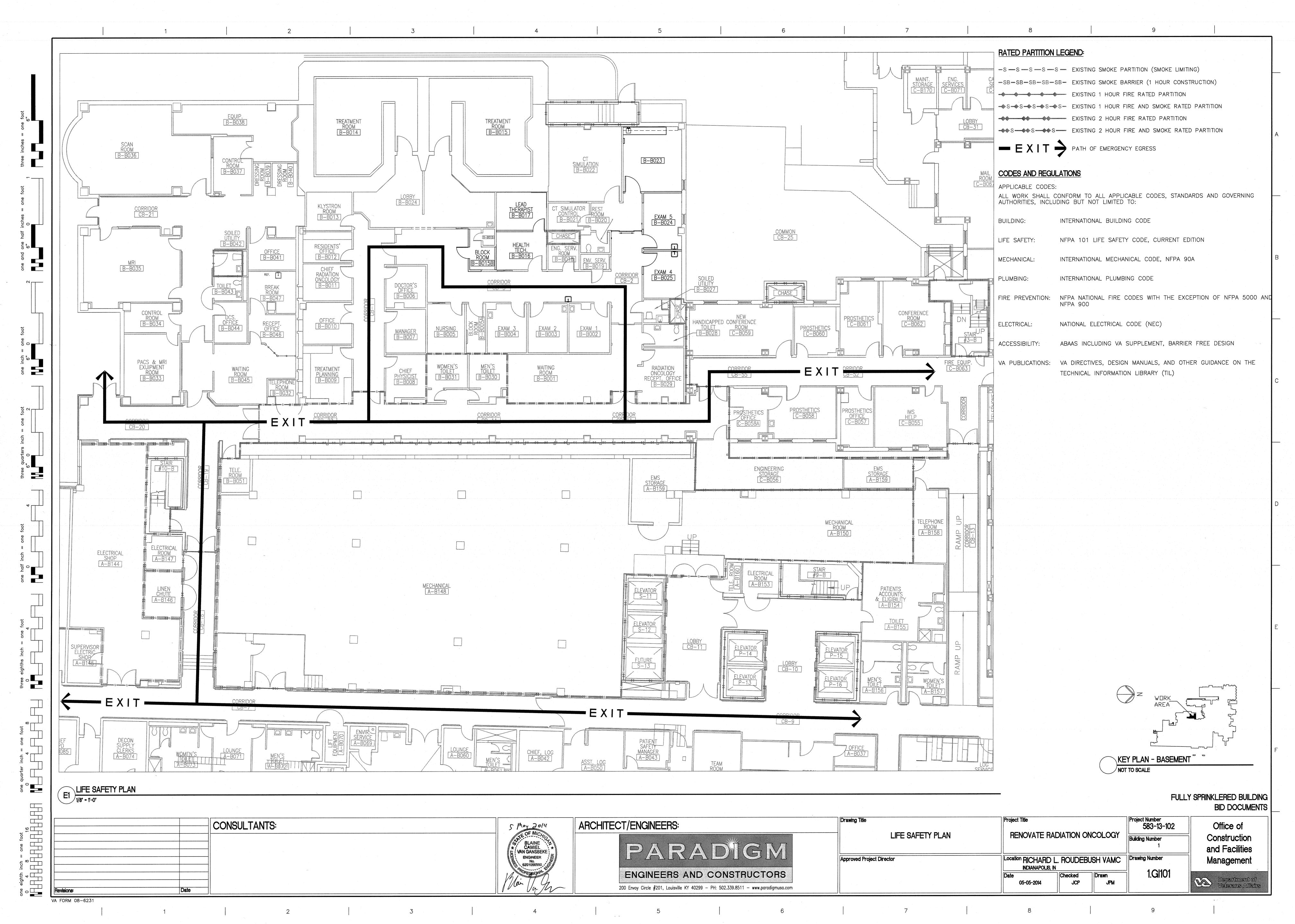
JPM

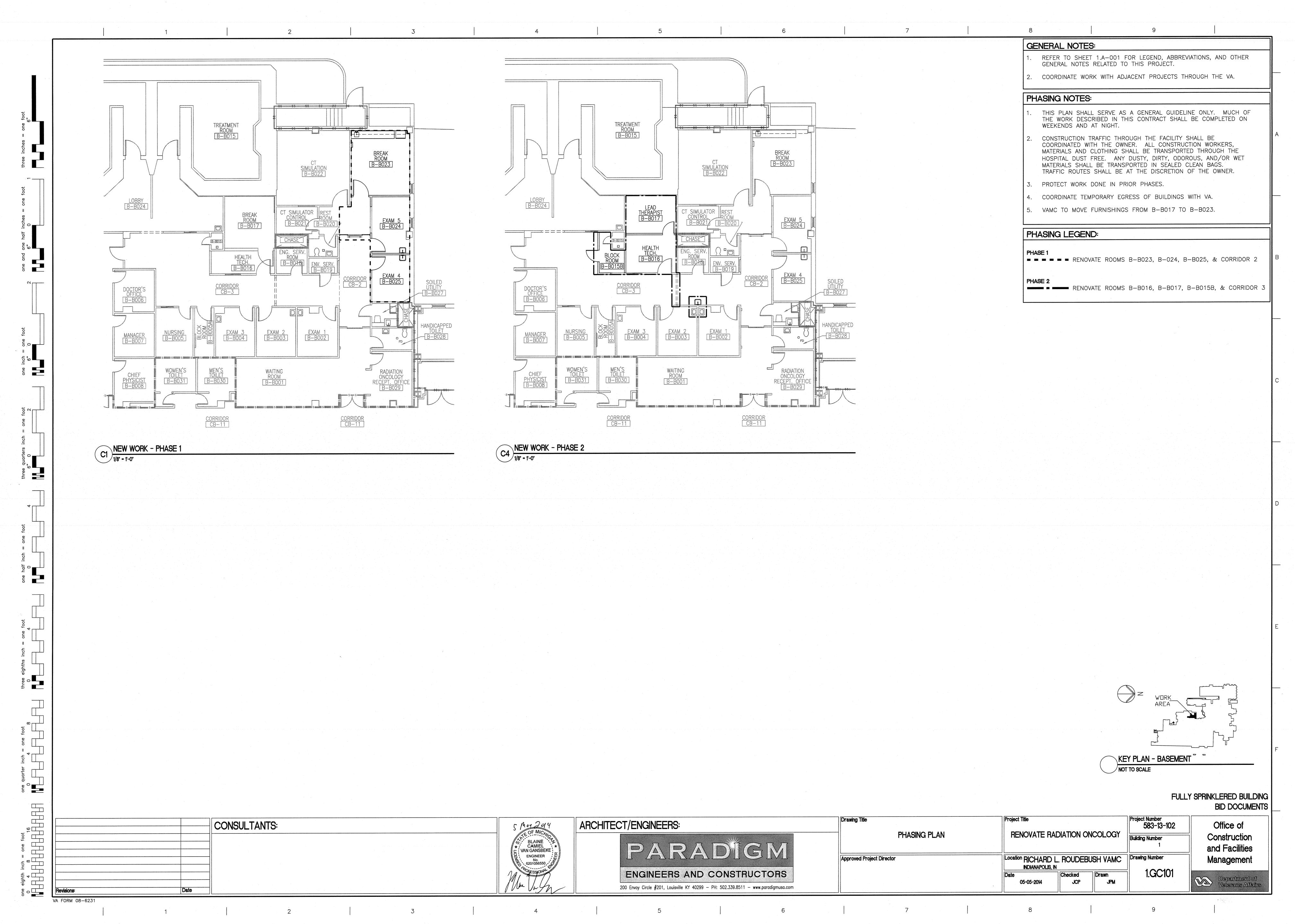
1.GI001

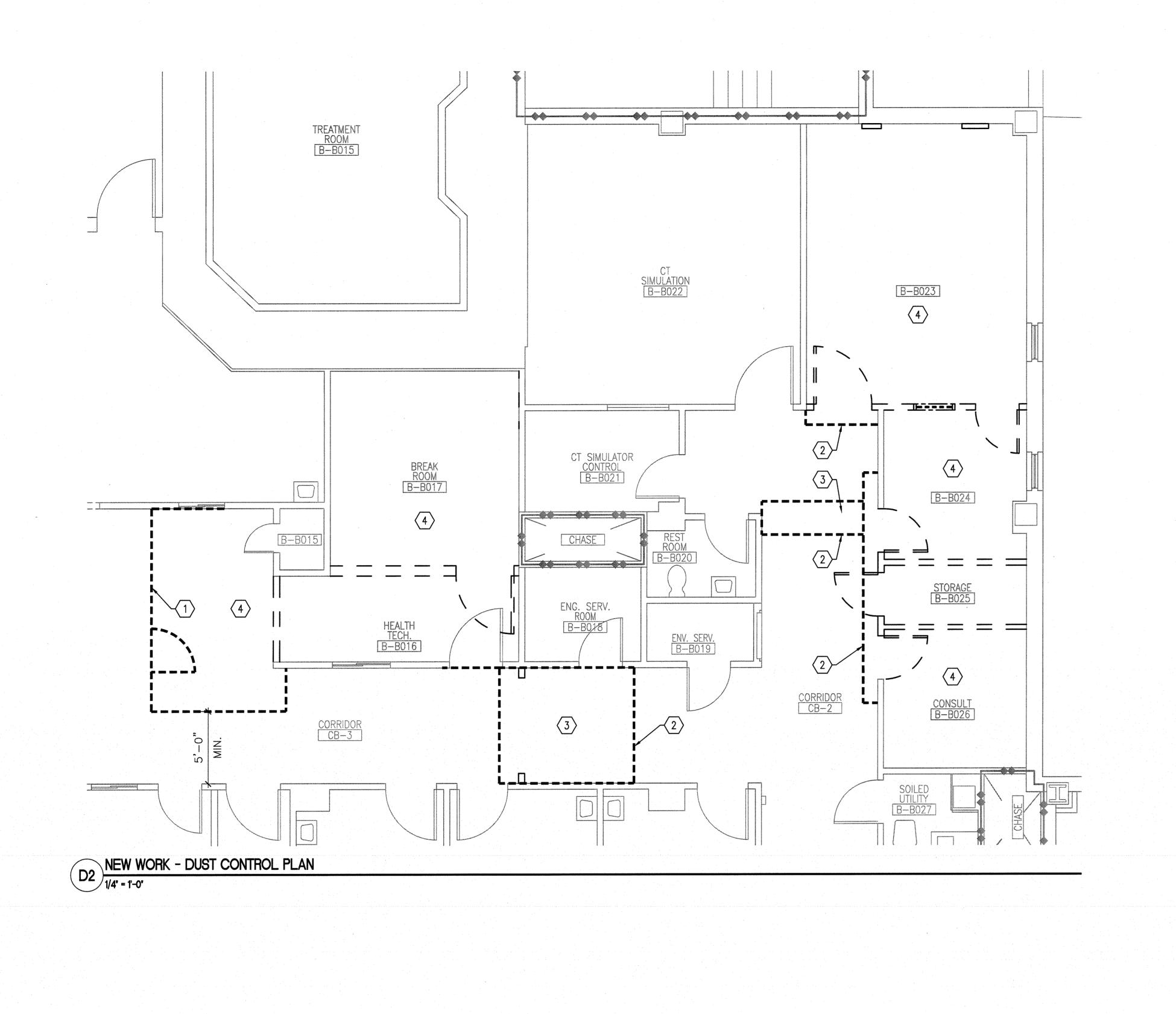
Project Number

583-13-102

Department of Veterans Affairs







#### INFECTION AND DUST CONTROL PLAN NOTES:

Prior to initiating work, contractor shall assess the scope of the construction activities, determine the potential risk groups involved based on the location of activities, extent, and duration of the work. Low Risk groups are considered "Office Workers", Medium Risk groups are considered all inpatient, and outpatient areas not in the High Risk Group. High Risk Group designation includes Inpatient areas such as Pediatric and Adult Operating/Delivery Rooms, Cath Labs, Myelo suppression units, ICUs, Dialysis, Nurseries as well as Clinic Areas (clinics associated with Hematology, Oncology, Pediatric Infectious Disease, or Transplant services) and Service Areas (Central Processing, Sterile Processing, Food Prep & Service Area and Pharmacies. The VAMC Infection Control Group shall confirm and approve the designation provided in this submitted Dust Control Plan.

RENOVATE RADIATION ONCOLOGY - RICHARD L. ROUDERBUSH VAMC

For the purpose of the Renovation, the construction work is considered Low Risk. The dust control plan shall be distributed and reviewed by all contractors performing work on this construction project.

A. EXTERNAL DEMOLITION AND CONSTRUCTION ACTIVITIES

\* Determine if the impacted areas of the facility can operate temporarily on recirculated air; if feasible seal off adjacent air intakes. \* If this is not possible or practical, check the low-efficiency filter banks frequently and replace as needed to

avoid buildup of particulate. \* Seal windows and reduce wherever possible other sources of outside air intrusion (open doors in stairwells and

corridors) especially in Protective Environment (PE) areas. B. INTERNAL DEMOLITION AND CONSTRUCTION ACTIVITIES DUST AND DEBRIS CONTROL

\* Barrier Systems: The area shall be isolated, as the project requires. Small, short duration projects generating minimal dust may use fire—rated plastic sheeting, but shall be sealed at full ceiling height with at least 2—foot overlapping flaps for access to entry. Projects that produce moderate to high levels of dust require rigid, dust-proof, and fire-rated barrier walls (e.g., drywall) with caulked seams for a tight seal extending floor to ceiling. Seal off and block return air vents if rigid barriers are used for containment. Large dusty projects need an entry vestibule for clothing changes and tool storage and tight seals should be maintained at the full perimeter of walls and wall penetrations. An interim plastic dust barrier (minimum 4-mil) shall be required to protect the area while the rigid impervious barrier is being constructed. Any dust shall be immediately cleaned if tracked outside of the construction barrier. Upon completion of the construction project, dust barriers shall be removed carefully to minimize spreading of dust and the contractor shall have temporary dust protection in place before removal of a permanent barrier. Contractor personnel shall monitor and perform barrier maintenance and be educated to notice simple clues such as accumulations of visible dust evidenced by footprints, opened doors/windows evidenced by presence of insects and flies, and wet ceiling tiles.

\* Traffic Control: Designated entry and exit procedures shall be defined. Egress paths shall be free of debris; designated elevators shall be used during scheduled times; and only authorized personnel shall be allowed to enter the construction zone. Signage shall direct pedestrian traffic away from the construction area and materials. \* Demolition Debris: Debris shall be removed in carts with tightly fitted covers, using designated traffic routes. Efforts shall be made to minimize use of elevators with an emphasis on transport during the lowest period of activity. Debris shall be removed daily and at times specified by the VAMC. If chutes are used to direct debris outside, High Efficiency Particulate Air (HEPA) filtered negative air machines shall be used, and the chute opening shall be sealed when not in use. Filters shall be bagged and sealed before being transported out of the construction area. The contractor shall not haul debris through patient—care areas without prior approval of the

\* Exterior Windows: Windows shhall be sealed to minimize infiltration from any adjacent excavation debris.

VENTILATION AND ENVIRONMENTAL CONTROLS

testing air pressure throughout the project.

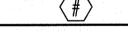
\* Air System Flow: Determine whether the construction area uses fresh/outside or recirculated air; filters shall be added or return vents covered as needed with filter material or plastic. Air must flow from clean to dirty areas. ' Negative Air Pressure: The air within the construction area must be negative with respect to surrounding areas and with no disruption of air systems of adjacent areas. Use of the negative air pressure system within the enclosure to remove dust shall pass air through an industrial grade, portable HEPA filter capable of filtration rates of 300—800 cubic feet per minute (ft3/min), or exhaust air directly to the outside if approved by VAMC. If exhaust must be tied into a re-circulated air system, a pre-filter and HEPA filter shall be used before exhaust to

prevent contamination of the ducts. \* Adjacent Areas: The status of sealed penetrations, and intact ceiling should be verified daily. \* Air Exchange Rates and Pressure Relationships: VAMC and Contractor shall verify and maintain proper rates in critical areas near construction activity and ensure air is not being re—circulated without filtration from the construction area elsewhere. VAMC shall make determination on providing for the accountability and frequency of

CONTAMINATION OF PATIENT ROOMS, SUPPLIES, EQUIPMENT AND RELATED AREAS

\* Worksite Clothing: Contractor personnel clothing shall be free of loose soil and debris before leaving the construction area. If protective apparel is not worn (e.g., coveralls, footgear and headgear) a HEPA—filtered vacuum shall be used to remove dust from clothing before leaving the barricade. If protective apparel is utilized the contractor shall construct a space or anteroom for changing clothing and storing equipment (designated area). All equipment, tools, tool carts, and materials, transported through occupied areas shall be made free from dust and moisture by vacuuming and wet wiping before removal from the construction zone or work area. \* Contractor Cleaning: The construction zone shall be maintained in a clean manner by contractors and swept or HEPA—vacuumed daily, or more frequently as needed, to minimize dust. Adjacent areas impacted by the construction shall be damp mopped daily or more frequently as needed. Walk—off mats with tacky, or adhesive surfaces shall be utilized to minimize tracking of heavy dirt, and dust from construction areas.

#### PLAN KEY NOTES:



PROVIDE RIGID TEMPORARY PARTITION WITH DOOR.

2. PROVIDE PLASTIC TEMPORARY PARTITION.

3. THIS WORK TO BE PERFORMED AFTER NORMAL BUSINESS HOURS.

4. THE CONTRACTOR HAS THE OPTION OF PERFORMING THE WORK IN THIS AREA DURING NORMAL BUSINESS HOURS IF NOISE IS KEPT QUIET.

## LEGEND:

EXISTING DOORS TO BE REMOVED

EXISTING DOORS TO REMAIN

NEW DOORS.

EXISTING WALLS TO BE REMOVED.

EXISTING WALLS TO REMAIN.

NEW WALLS. LIMITS OF DISTURBANCE AND CONSTRUCTION

PROVIDE TEMPORARY INFECTION CONTROL / DUST CONTROL

Project Title

BARRIER AT THESE LOCATIONS. REMOVE AFTER DEMOLITION OR CONSTRUCTION IS COMPLETE.

FULLY SPRINKLERED BUILDING BID DOCUMENTS

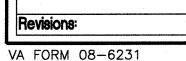


INFECTION AND DUST CONTROL PLAN

583-13-102 RENOVATE RADIATION ONCOLOGY **Building Number** Location RICHARD L. ROUDEBUSH VAMC Drawing Number INDIANAPOLIS, IN Drawn Checked

Office of Construction and Facilities Management

**Department of Veterans Affairs** 



CONSULTANTS:

one eighth inch = one foot

0 4 8 16

Moderno Oly BONNE OF MICHICO BLAINE CAMIEL VAN GANSBEKE ENGINEER No. 6201056550

PARADIGM

200 Envoy Circle #201, Louisville KY 40299 - PH: 502.339.8511 - www.paradigmusa.com

ARCHITECT/ENGINEERS:

05-05-2014

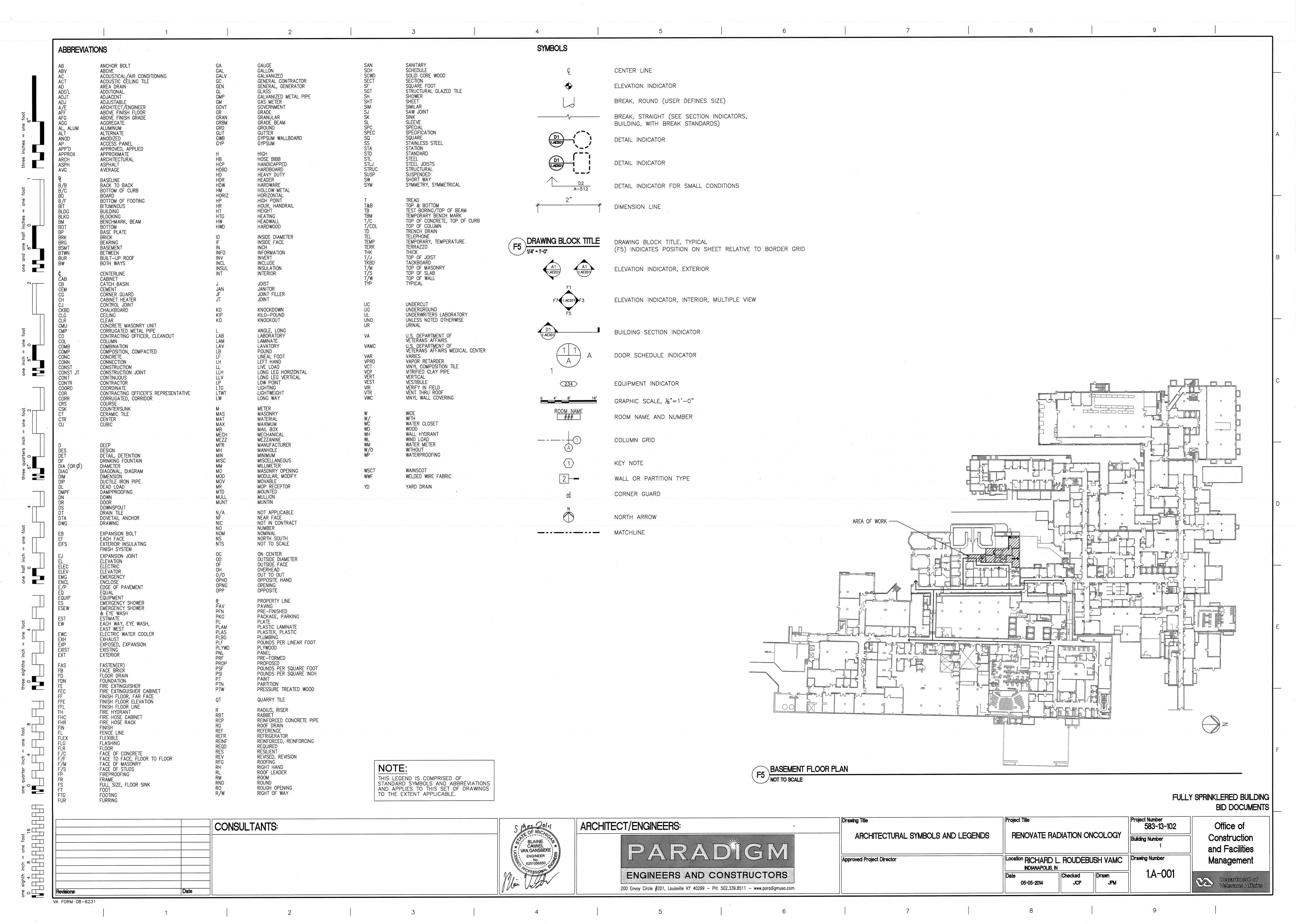
JCP

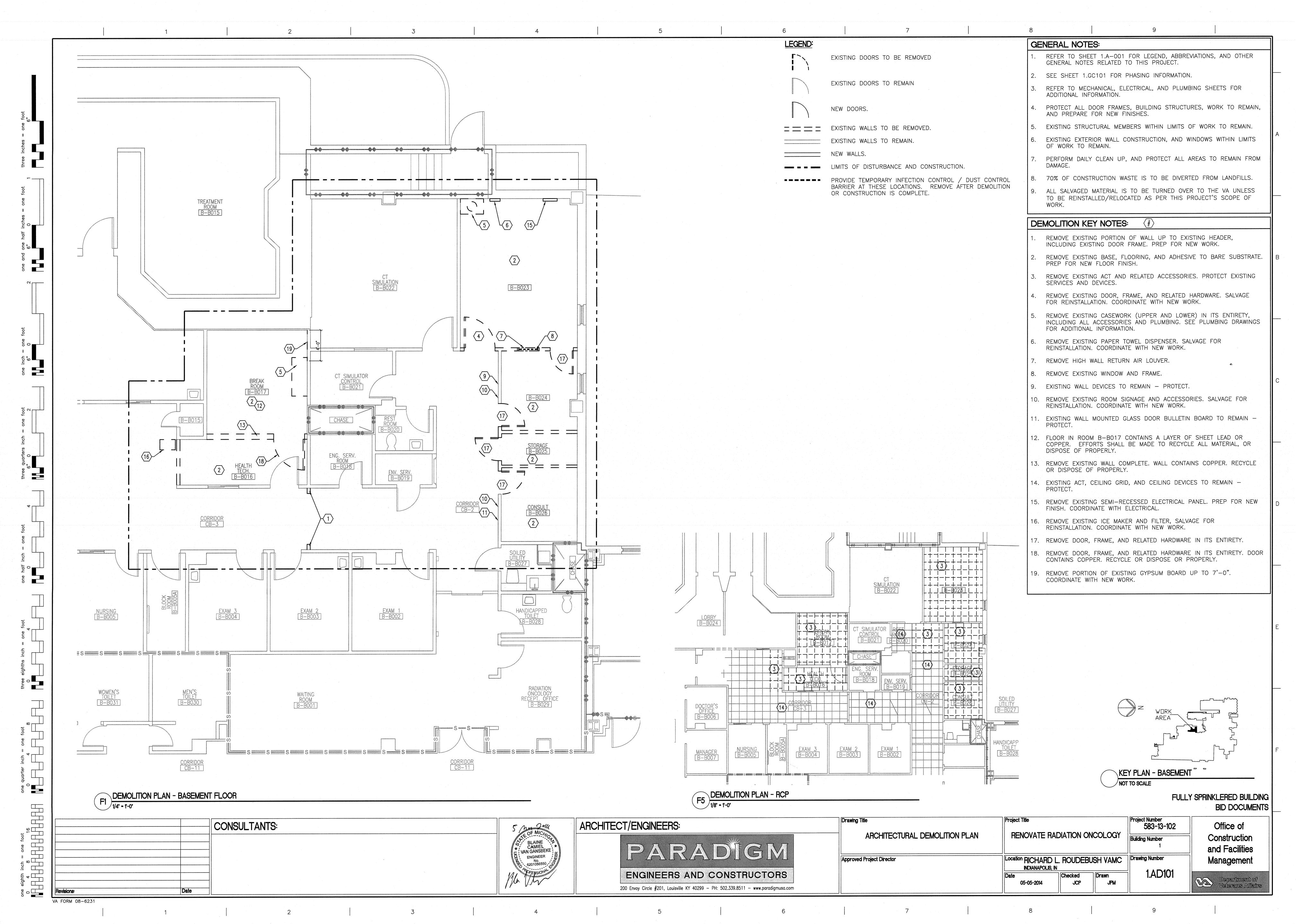
JPM

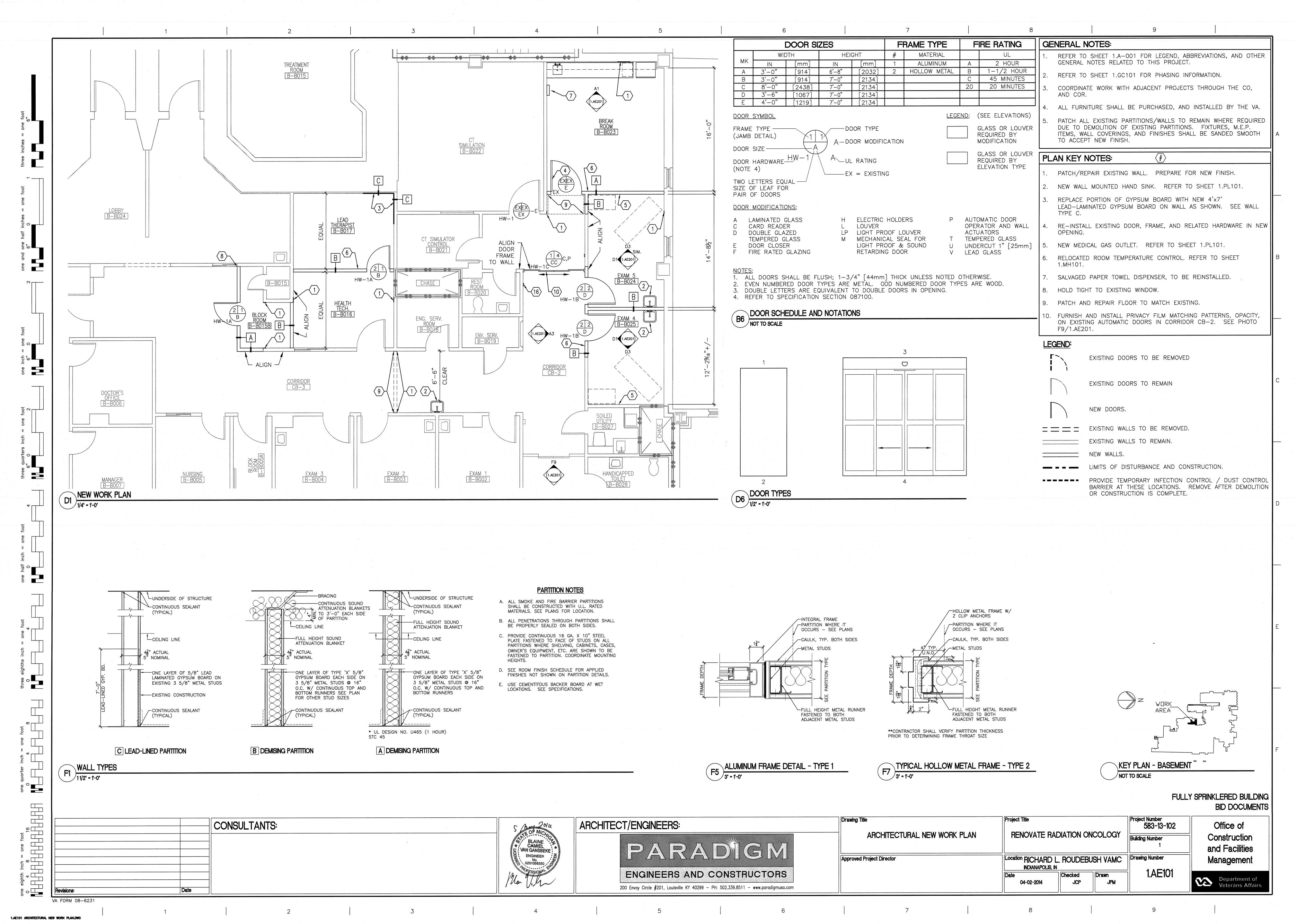
KEY PLAN - BASEMENT

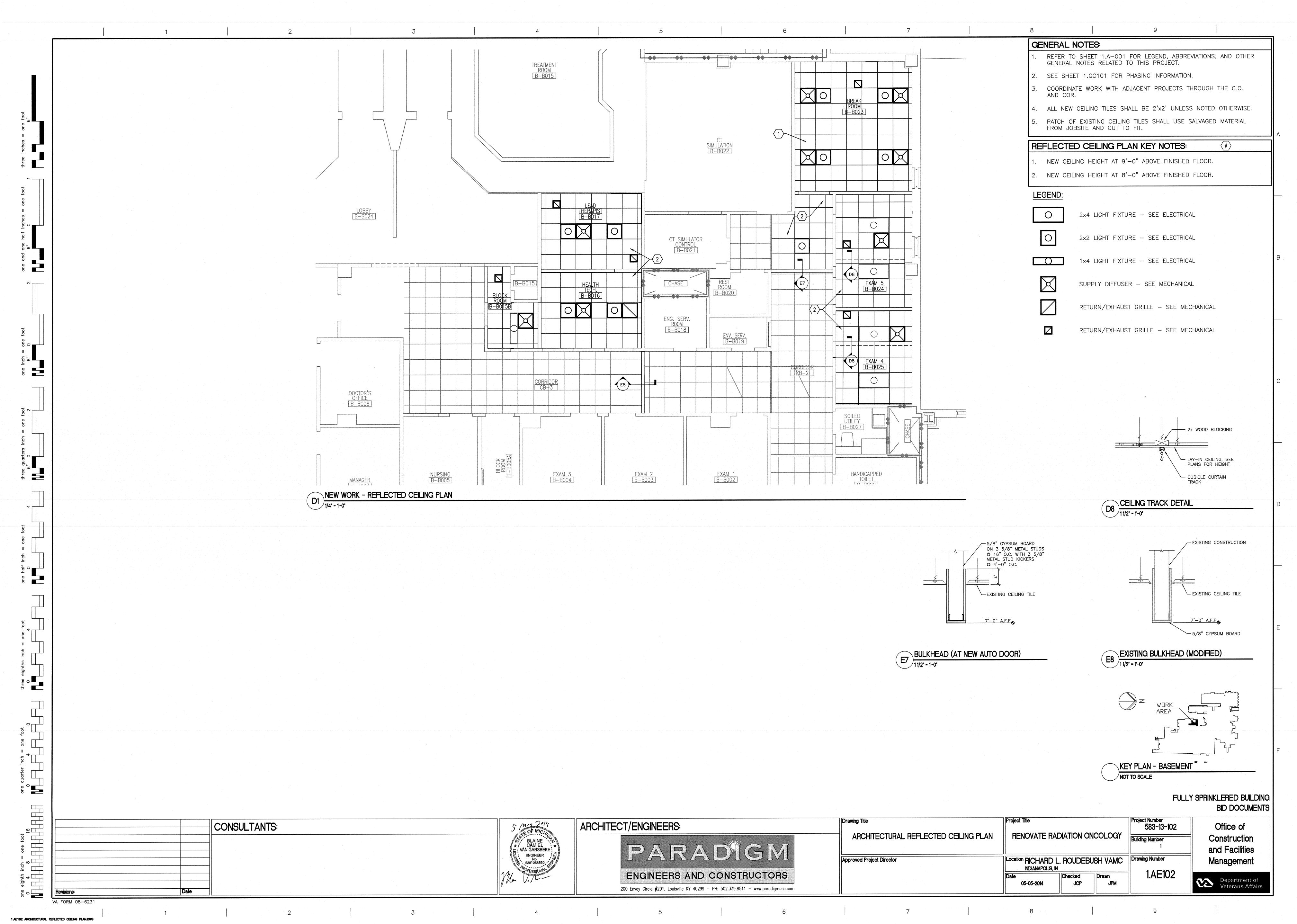
NOT TO SCALE

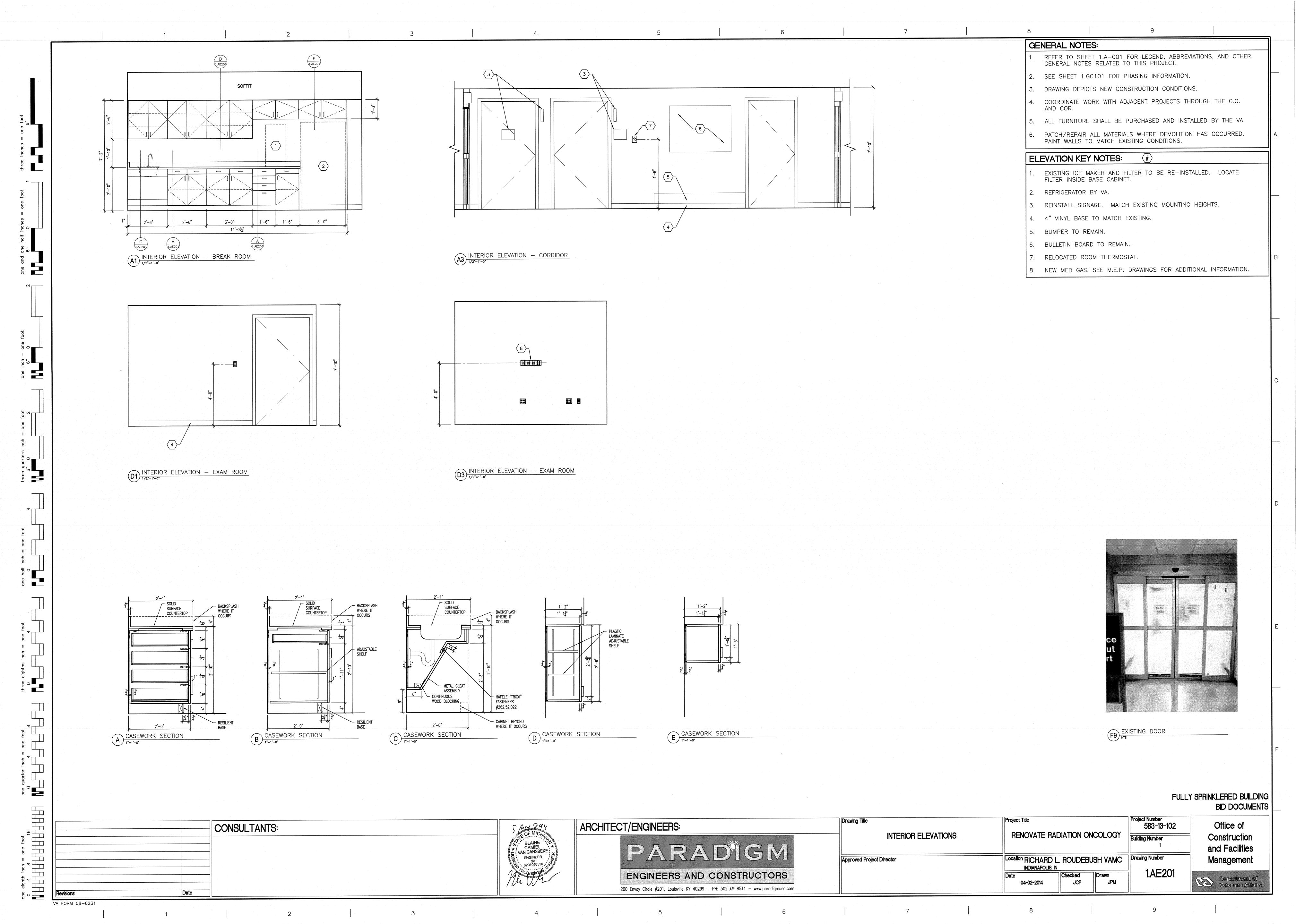
Project Number











GENERAL NOTES:

- 1. REFER TO SHEET 1.A-001 FOR LEGEND, ABBREVIATIONS, AND OTHER GENERAL NOTES RELATED TO THIS PROJECT.
- 2. REFER TO SHEET 1.AE101 FOR NEW WORK PLAN.
- 3. LISTED HEREIN ARE MANUFACTURER'S PRODUCTS WHICH HAVE BEEN IDENTIFIED AS MEETING THE SALIENT CHARACTERISTICS OF THIS SPECIFICATION. SUCH INFORMATION IS ONLY PROVIDED TO SHOW EXAMPLES OF PRODUCTS WHICH MEET THE SPECIFICATIONS AND DO NOT, IN ANY WAY, LIMIT THE OFFEROR FROM PROVIDING PRODUCTS FROM OTHER MANUFACTURERS WHICH MEET THE SALIENT CHARACTERISTICS AS IDENTIFIED.
- 4. SUBMITALS SHALL BE IN ACCORDANCE WITH SECTION 01 33 23, SHOP DRAWINGS, DATA AND SAMPLES— PROVIDE TWO SAMPLES FOR COLOR APPROVAL OF MATERIALS AND FINISHES SPECIFIED.

		FINISH LEGEND		
FINISH FLOORS		MANUFACTURER		
CPT-1	CARPET TILE	PHILADELPHIA PC COMMERCIAL/MESH WEAVE 54458 MIDNIGHT 58501 24" x 24"		
SV-1	SHEET VINYL	ARMSTRONG/CONNECTION CORLON 88791 GRANITE GRAY		
SVT-1	SOLID VINYL TILE	CENTIVA/QUEENSLAND WALNUT CP #3310-CTK/ 4" x 36"		
SVT-2	SOLID VINYL TILE	CENTIVA/CLASSICO GREY #CS0511-CFR/ 12" x 12"		
VB-1	VINYL BASE	YL BASE 4" ROPPE/ BURNT UMBER		
VB-2	VINYL COVE BASE	6" FLASH COVE/ARMSTRONG/CONNECTION CORLON 88791 GRANITE GRAY		
FINISH	WALLS	MANUFACTURER		
PT-1	PAINT, FIELD	PPG/SILVER DOLLAR #521-4 (EGGSHELL FINISH)		
PT-2	PAINT, FIELD (BREAK ROOM)	PPG/OYSTER SHELL #416-5 (EGGSHELL FINISH)		
PT-3	PAINT, ACCENT	PPG/EVENING HUSH #447-5 (EGGSHELL FINISH)		
PT-4	TRIM	PPG/SILVER DOLLAR #521-4 (SEMI-GLOSS FINISH)		
FINISH	CEILING	MANUFACTURER		
ACT-1	ACOUSTICAL CEILING TILE	CERTAINTEED SHM-157 BIOSHEILD 2' x 2"		
FINISH	CASEWORK	MANUFACTURER		
SS-1	SOLID SURFACE, COUNTERTOP	CORIAN WITCH HAZEL		
PL-1	PLASTIC LAMINATE, VERTICAL SURFACE	WILSONART NEPAL TEAK 7209K-78		

ROOM #	ROOM	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING COMMENTS
B-B017	LEAD THERAPIST	SVT-1	VB-1	PT-1	PT-1	PT-1	PT-3	ACT-1
B-B016	HEALTH TECH	SVT-1	VB-1	PT-1	PT-1	PT-1	PT-3	ACT-1
B-B015B	BLOCK ROOM	SV-1	VB-2	PT-1	PT-1	PT-3	PT-1	ACT-1
B-B025	EXAM ROOM	SVT-2	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1
B-B024	EXAM ROOM	SVT-2	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1
B-B023	BREAK ROOM	SVT-1	VB-1	PT-2	PT-2	PT-2	PT-2	ACT-1 SS-1/PL-1 COUNTERTOP, REFER TO LEGEND
CB-2	CORRIDOR 2	EXISTING	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1 EXISTING FLOOR TO REMAIN, PROTECT
CB-3	CORRIDOR 3	EXISTING	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1 EXISTING FLOOR TO REMAIN, PROTECT

FULLY SPRINKLERED BUILDING BID DOCUMENTS

CONSULTANTS:

CONSULTANTS:

SE OF

UNIVERSE OF

UNIVERSE

one eighth inch = one foot

0 4 8 16

VA FORM 08-6231

BLAINE CAMIEL \*

OF MICHOOD

O

ARCHITECT/ENGINEERS:

PARADIGM
ENGINEERS AND CONSTRUCTORS

200 Envoy Circle #201, Louisville KY 40299 - PH: 502.339.8511 - www.paradigmusa.com

Prawing Title
FINISH SCHEDULE AND LEGEND

Approved Project Director

Project Title
RENOVATE RADIATION ONCOLOGY

Building Number
1

Location RICHARD L. ROUDEBUSH VAMC
INDIANAPOLIS, IN

Date
05-05-2014

Checked
Drawn
DML

Project Number
583-13-102

Building Number
1

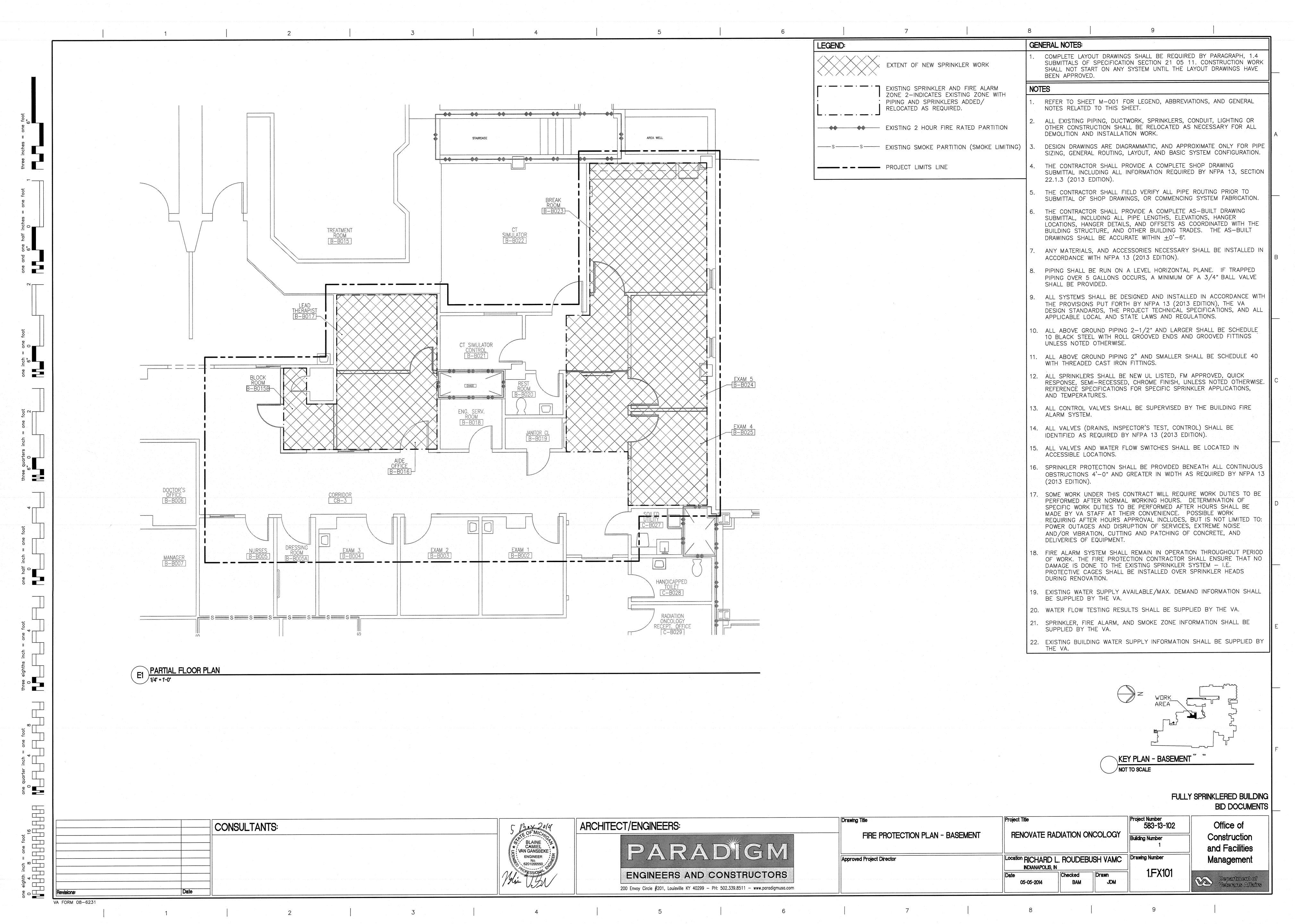
1

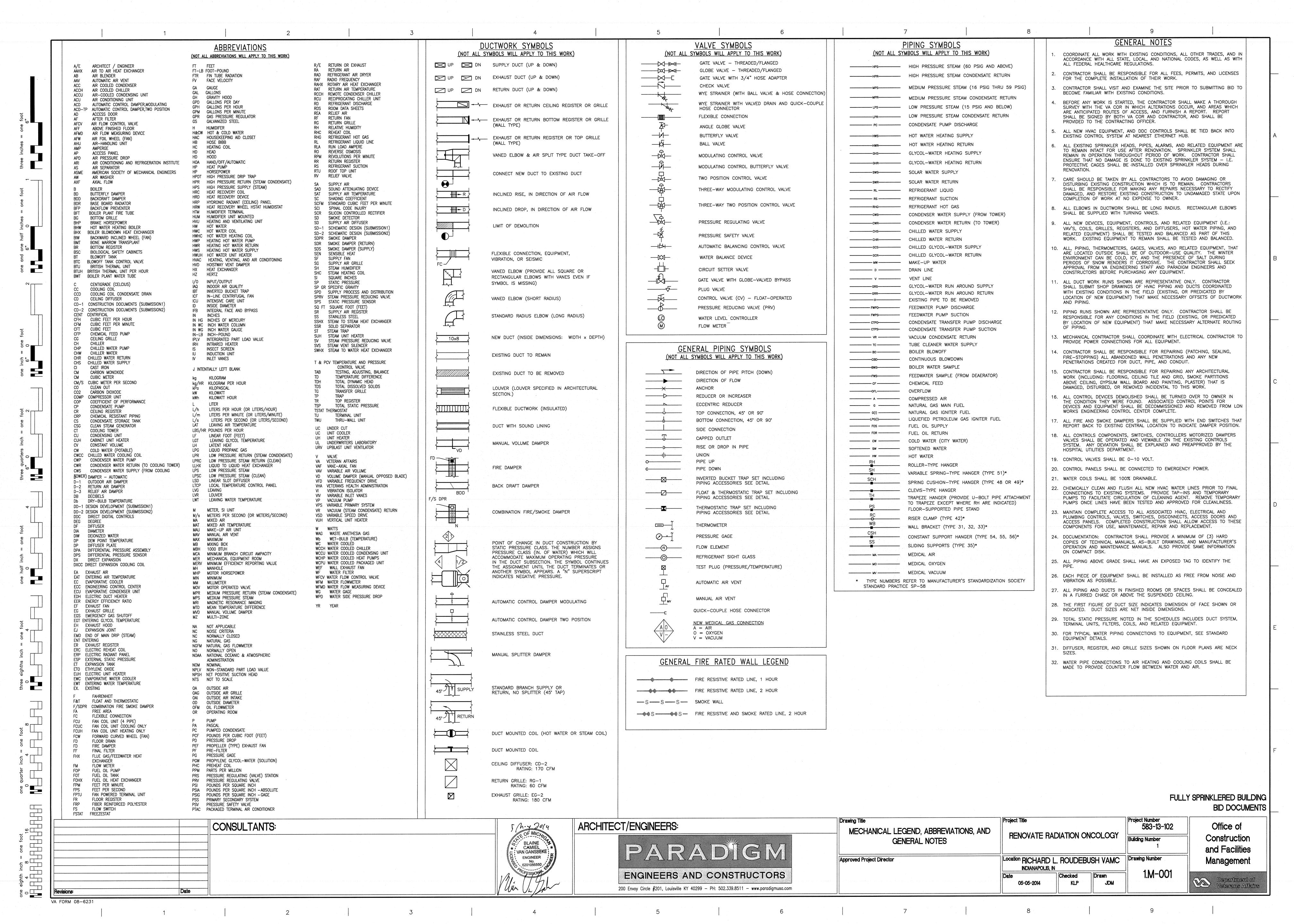
Location RICHARD L. ROUDEBUSH VAMC
INDIANAPOLIS, IN

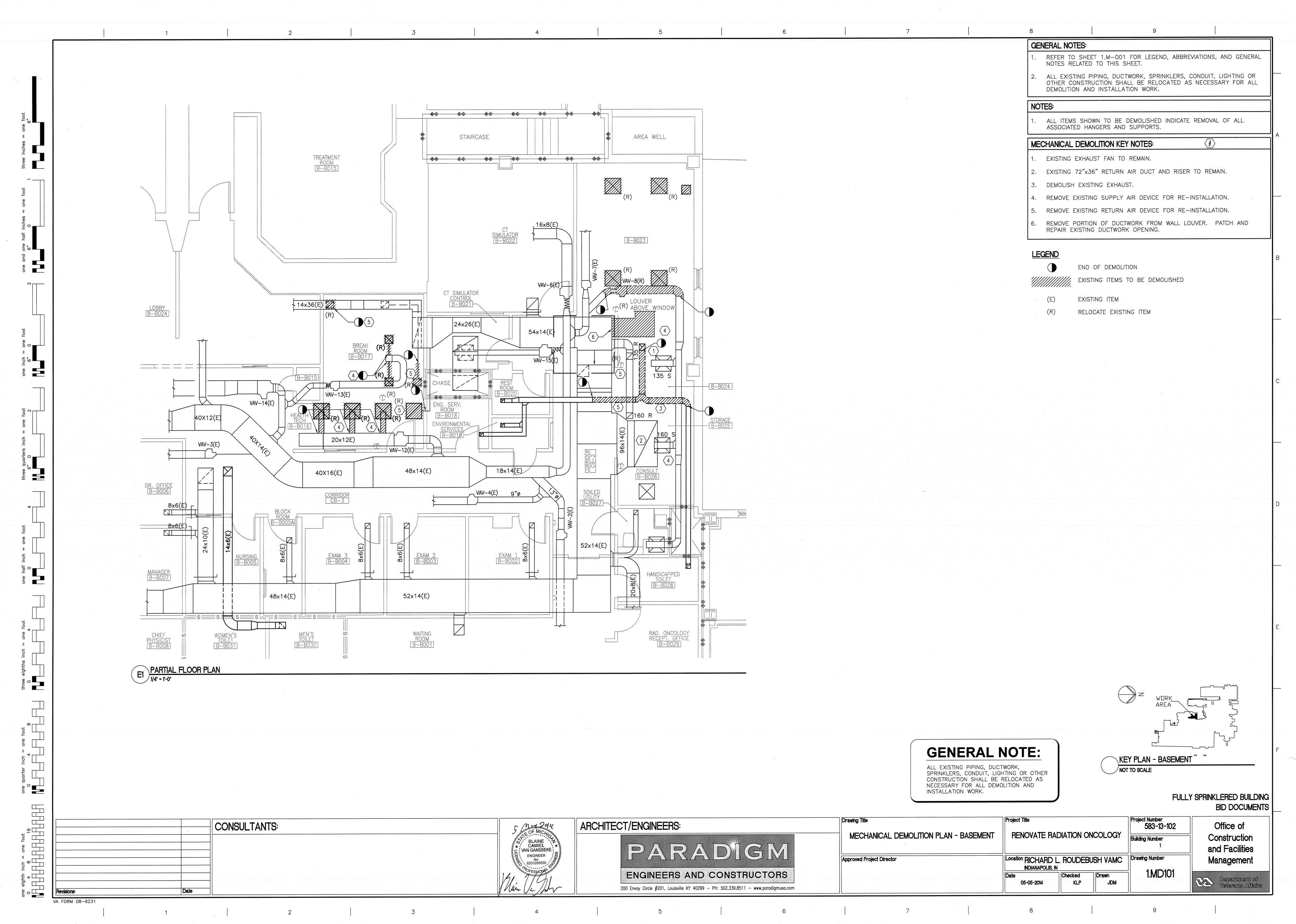
Drawn
DML

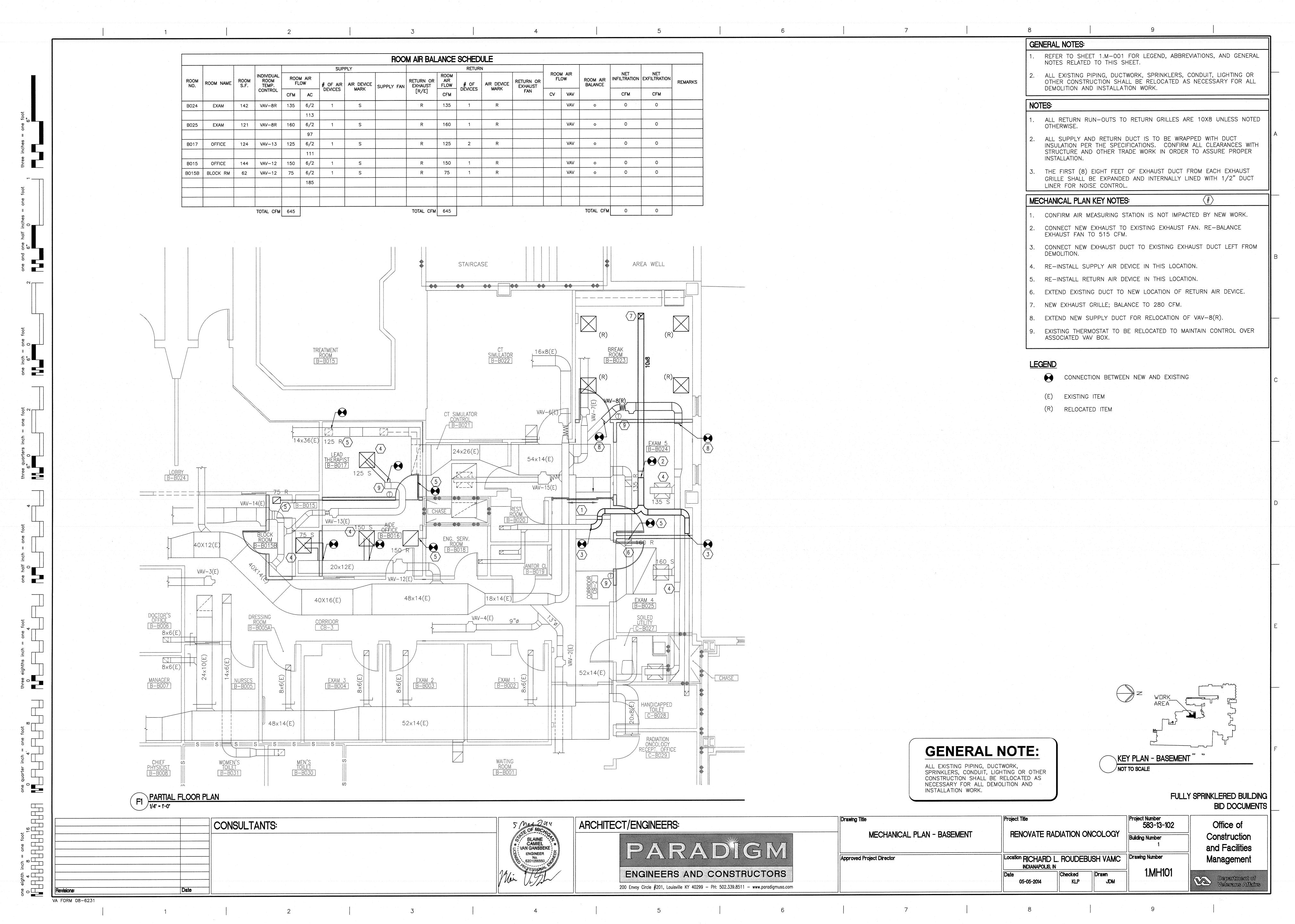
Office of Construction and Facilities Management

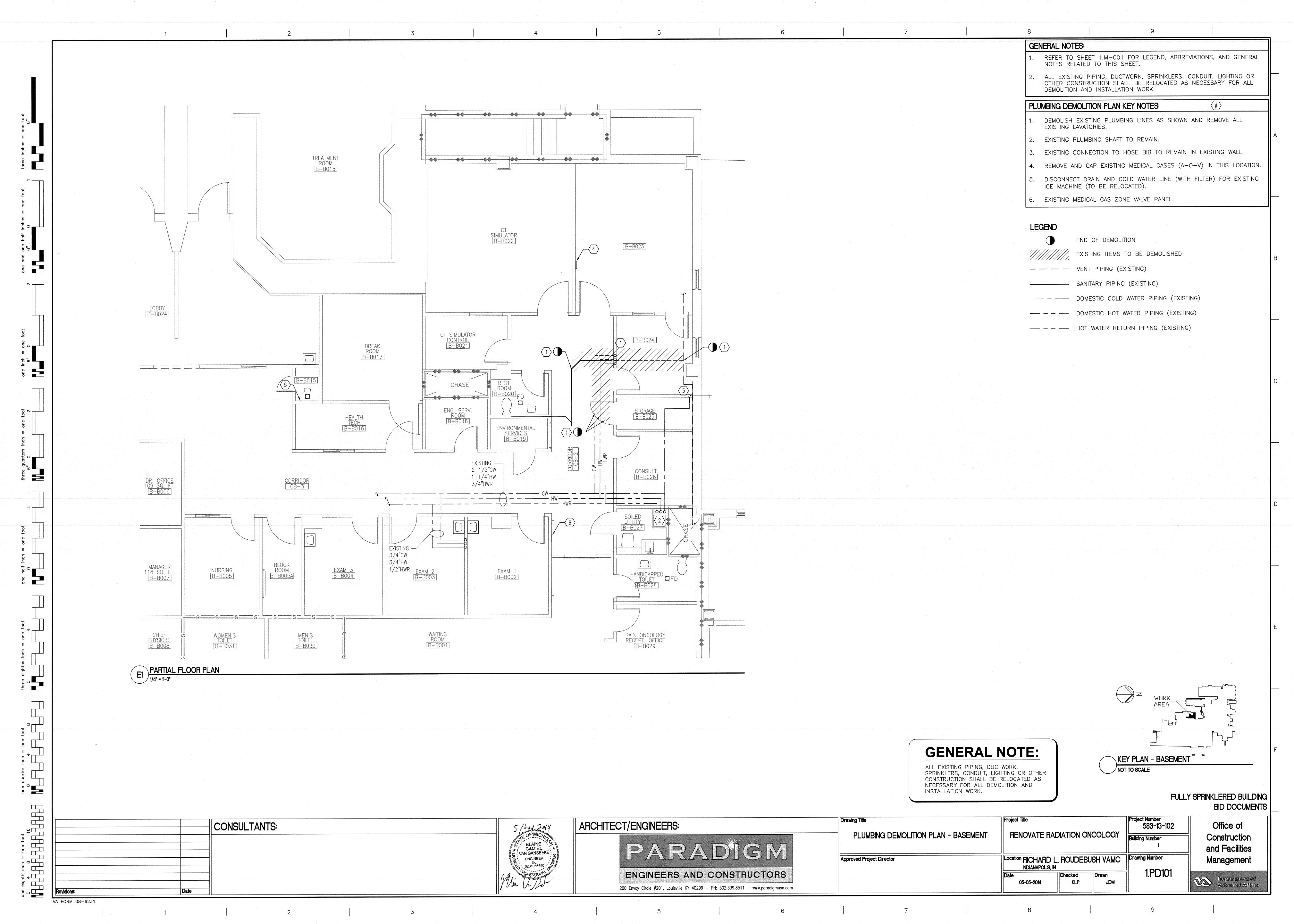
Department of Veterans Affairs

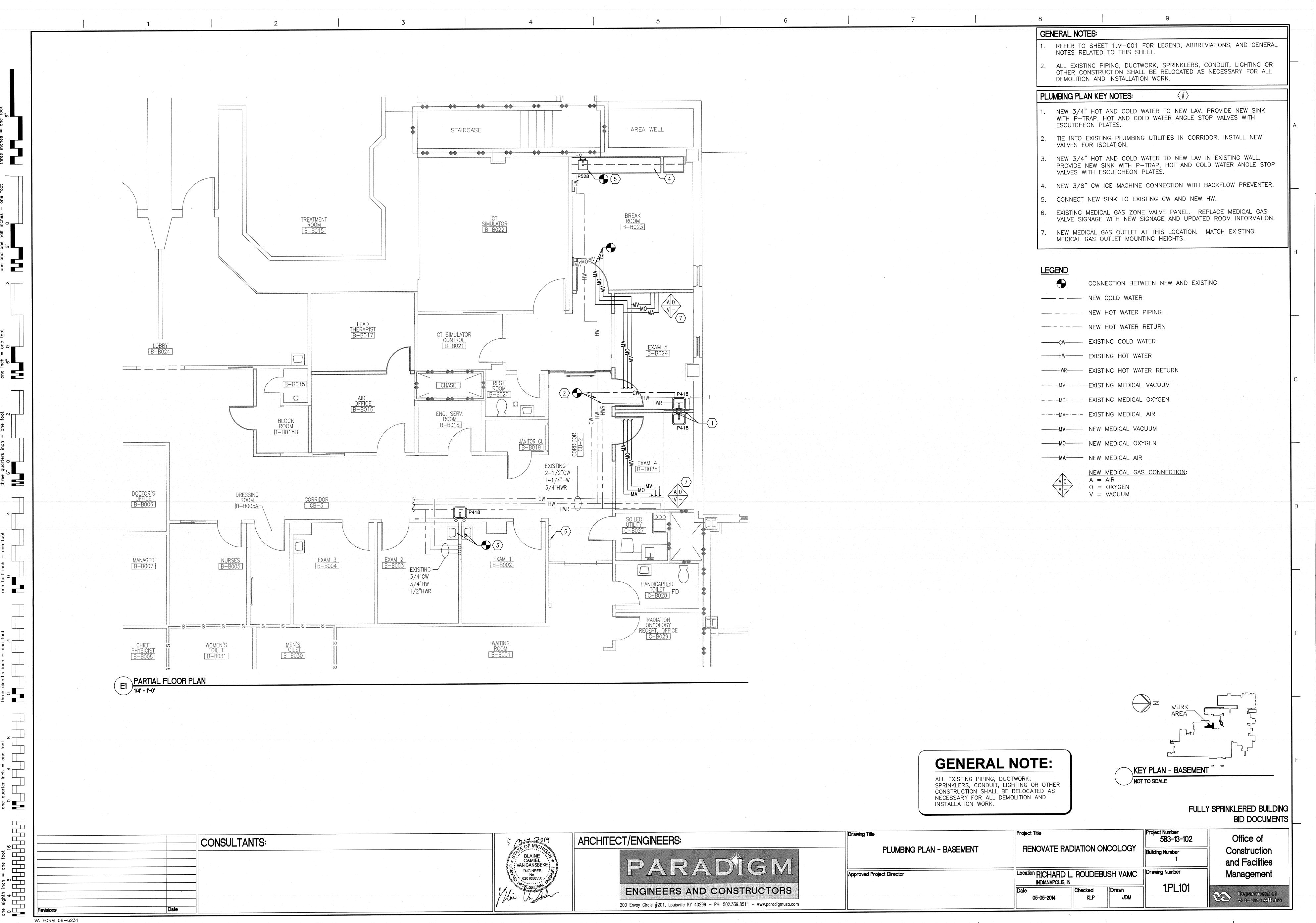


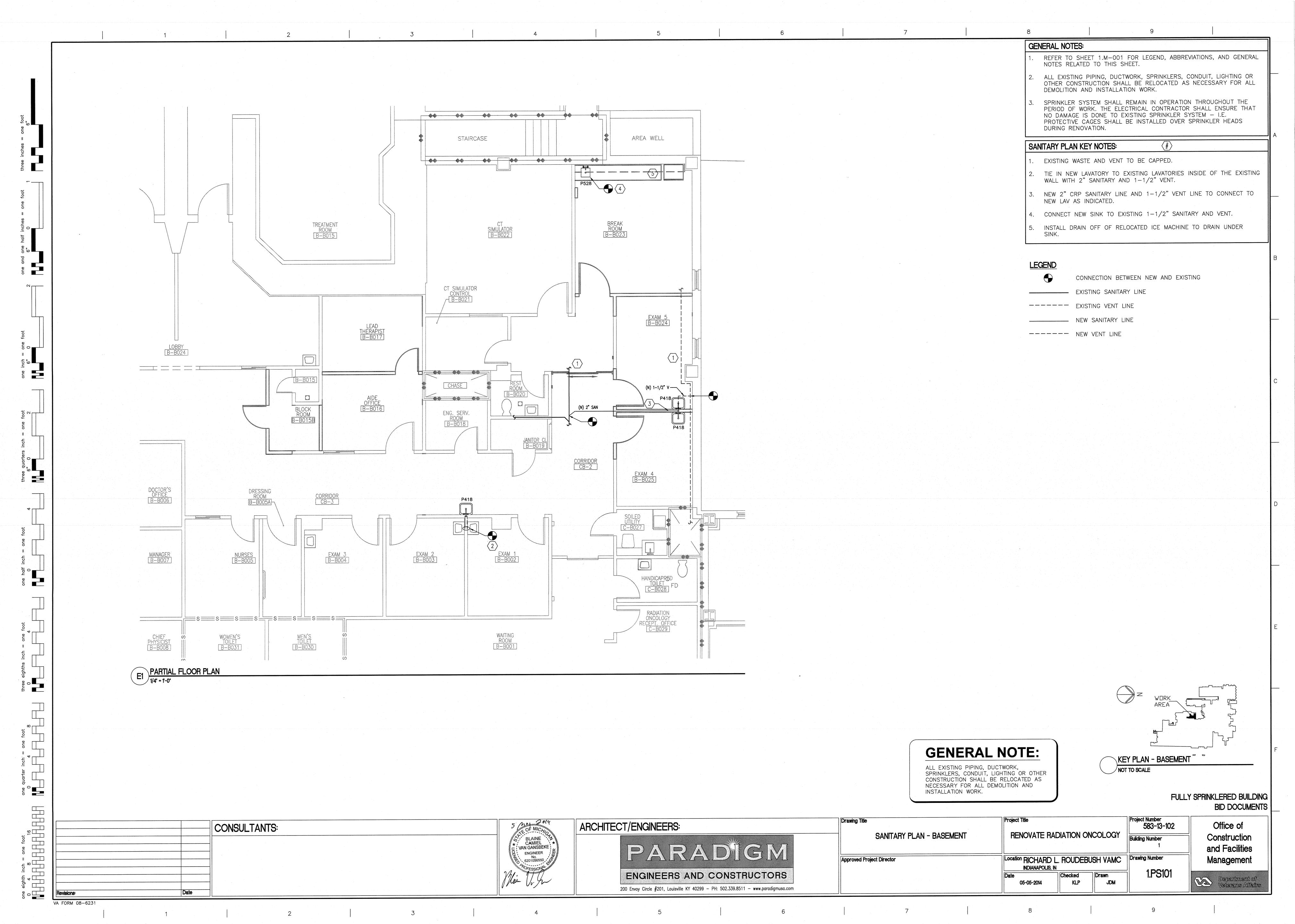














one eighth inch = one toot

0 4 8 16

VA FORM 08-6231

NOTE: FURNISH ONE SPARE TYPE 'A' LUMINAIRE AND ONE SPARE TYPE 'B' LUMINAIRE TO THE VA FOR FUTURE USE.

FULLY SPRINKLERED BUILDING

**GENERAL NOTES** 

STRANDED.

SEPARATION.

MADE BY VA.

70 ARTICLE 250.

ARE APPROXIMATE.

BELOW AS APPLICABLE.

AFF UNLESS NOTED OTHERWISE.

COMPLY WITH SPECIFICATIONS AND NOTES

ALL RECEPTACLES SHALL BE INSTALLED 18"

ALL WIRING SHALL BE COPPER. ALUMINUM

NOTED. ALL WIRING SHALL BE 2#12 AWG

EQUIPMENT GROUNDING CONDUCTOR IN EMT

SHALL BE SIZED BASED ON ACTUAL MOTOR NAMEPLATE DATA AND IN ACCORDANCE WITH

NFPA72, NFPA99, NFPA101 & ALL FEDERAL

ALL PENETRATIONS THROUGH FLOORS, RATED

WALLS AND PARTITIONS SHALL BE SEALED

WITH UL APPROVED FIRE SEALANT MATERIAL

REQUIRED WORK SHALL BE PERFORMED AFTER

DETERMINATION OF SPECIFIC ITEMS SHALL BE

AN EQUIPMENT GROUNDING CONDUCTOR SHALL

CIRCUITS. SIZE IN ACCORDANCE WITH NFPA

LIQUID TIGHT FLEXIBLE METAL CONDUIT IN A

360° LOOP EXCEPT AS NOTED OTHERWISE.

10. COORDINATE INSTALLATION OF COMMUNICATION

LOCATE DISCONNECTS AT EQUIPMENT AS

12. PROVIDE WIRE MARKERS TO IDENTIFY CABLES

FOR ALL SYSTEMS AT THE ORIGIN, PULL

13. NO LIVE WORK WILL BE ALLOWED. EVERY

CIRCUIT SHALL BE LOCKED-OUT AND

TAGGED-OUT BEFORE COMMENCING WORK.

BOXES, AND TERMINATION POINTS. LABELS

SHALL BE SELF ADHESIVE OR HEAT SHRINK

SPECIFICATIONS. LOCATIONS ON DRAWINGS

REQUIRED BY MANUFACTURER AND

OUTLETS WITH THE VA OI&T.

9. FLEXIBLE CONNECTIONS TO MOTORS SHALL BE

BE INSTALLED WITH ALL FEEDER AND BRANCH

NORMAL WORKING HOURS, AND ON WEEKENDS.

STRANDED, AND 1#12 AWG STRANDED

HOMERUNS FED FROM A 20A-1P, 120V

4. FUSES AND OVERLOAD UNITS FOR MOTORS

ALL WORK SHALL COMPLY WITH NFPA70,

TO MAINTAIN FIRE RATING FOR THE

STATE & LOCAL REGULATIONS.

WIRING IS NOT ALLOWED. UNLESS OTHERWISE

CIRCUIT IN EXCESS OF 70' SHALL BE #10 AWG

BID DOCUMENTS Drawing Title Project Title Project Number ARCHITECT/ENGINEERS: 5 Miy 2114 0F MICH 200 Office of CONSULTANTS: 583-13-102 ELECTRICAL LEGEND, ABBREVIATIONS, GENERAL RENOVATE RADIATION ONCOLOGY Construction NOTES, AND SCHEDULE BLAINE CAMIEL VAN GANSBEKE PARADIGM and Facilities ENGINEER No. 6201056550 Drawing Number Location RICHARD L. ROUDEBUSH VAMC Approved Project Director Management INDIANAPOLIS, IN 1.E-001 **ENGINEERS AND CONSTRUCTORS** Drawn Department of Veterans Affairs Bam 05-05-2014 200 Envoy Circle #201, Louisville KY 40299 - PH: 502.339.8511 - www.paradigmusa.com

